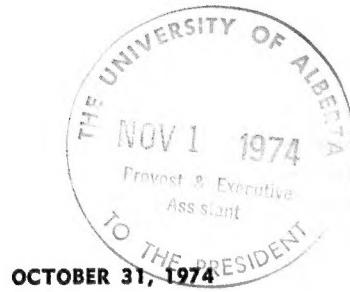


# FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN EDMONTON, ALBERTA



## Security in University Buildings

The following policy statement has been received from M.G. POOLE, Assistant to the Vice-President (Finance and Administration). The policy was approved in principle by the Deans' Council at its meeting on March 20, 1974.

### THE PROBLEM

In essence, the problem is theft, loss, or other disappearance of equipment, furnishings, and other property which is normally replaced at a substantial cost to the University. Historically there appears to have been little or no incentive for staff members to recognize the problem formally, or to assist and co-operate in the development and implementation of proper systems and procedures to secure University property. In addition, staff members seem to be concerned that security procedures may inhibit property use.

### IMPLICATIONS

Given the preceding, it appears that any effective resolution of the problem will require an institutional commitment. In other words, all faculties, schools, and departments should understand that security of University property has institutional priority. Such a commitment appears to be vital to create the environment necessary to encourage the co-operation of the staff members in the resolution of the problem.

### ASSUMPTIONS

Organizational action to resolve the problem should at least recognize the following factors:

- (a) Cost of securing equipment, furnishings, and other property relative to the estimated value of loss by theft or other disappearance, and the related impact on the capital and operating budgets; and
- (b) Effectiveness of the security procedures in reducing the risk of such losses, which:

- (i) should not unduly inhibit the normal use of the property;
- (ii) should be routine and not too time-consuming; and
- (iii) should be part of the regular duties of all staff members.

In recognition of these factors, it is concluded that:

- (a) Building security should be the responsibility of the faculties, schools, and departments, including the formulation and

implementation of security procedures to be followed by staff members and students, subject to any general University policy requirements.

(b) The role of the Building Services Division of the Department of Physical Plant in building security should be restricted to opening and closing outside entrances to University buildings at the specified hours for normal use, and to reporting immediately to the Campus Security Force all known cases of missing property, vandalism, threats, and other similar matters.

(c) The role of the Campus Security Force in building security should be:

- (i) to check the exterior of buildings during closed hours to ensure that all access doors and windows are locked. Any access points which cannot be locked by the Security Force should be reported immediately to the Control Centre for remedial action;
- (ii) to check on any commissioners in the buildings during the closed hours, and on any mechanical inspectors employed by the Department of Physical Plant when specially requested to do so by the Control Centre;
- (iii) to respond immediately to all reported cases of missing property, vandalism, threats, accidents, fire, disturbances, or other similar matters involving personal safety and/or building security, and to take the necessary action subject to any required direction by the Vice-President (Finance and Administration); and
- (iv) to act in an advisory capacity to faculties, schools, and departments by making requested recommendations on building security procedures.

### GENERAL POLICY

The following general policy based on the preceding assumptions has been approved in principle by the Deans' Council:

- (a) Deans of faculties, directors of schools and services, and heads of support departments (hereinafter referred to as deans and directors)

are asked to establish a Building Security Committee for each building occupied solely by the faculty, school, or department, consisting of staff members appointed by the deans or directors. In those cases where the building is occupied by more than one faculty, school, or department, the principal users are asked to establish a Building Security Committee consisting of staff members representing each user, appointed by the respective deans and directors. Each Building Security Committee is responsible to the dean(s) or director(s) for recommendations involving:

- (i) normal building hours, subject to the required prior approval by the Deans' Council whenever such hours vary from the general policy requirement for all teaching buildings and pedestrian walkways;
- (ii) key systems consistent with building use, including general procedures for the issuance and return of building keys;
- (iii) reducing the general risk of property loss or damage within the building during normal and closed hours, consistent with user, fire, safety, and other similar requirements;
- (iv) any changes in general building security procedures after a quarterly review of any missing property, lost or unreturned building keys, changing use requirements, etc.; and
- (v) such other matters related to building security which may be of concern to the committee.

Shortly after the end of each fiscal year, the deans and directors should submit a brief annual report to the Vice-President (Finance and Administration) which at least describes their security systems, any changes thereto, and any related problems.

(b) Deans and directors are asked to establish and maintain control systems where feasible and applicable for the issuance, movement, or return of the following types of property under their direct control and not in the general building areas:

- (i) furnishings and equipment;
- (ii) laboratory, teaching, and office supplies;
- (iii) libraries; and
- (iv) works of art or artifacts.

Where feasible and practical, the control systems should describe the property so that any missing property can be identified when located. To the extent that time and resources permit, the control procedures may be subject

to audit by the Internal Audit Division of the Comptroller's Office. The Capital Equipment Inventory may provide useful information for developing the control systems.

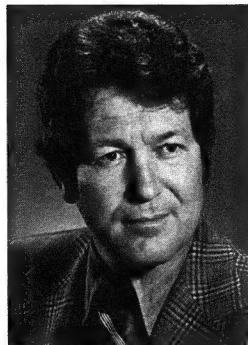
(c) The Director of Physical Plant is asked to encourage all building superintendents and building services personnel to report immediately to the Campus Security Force all cases of missing property, vandalism, threats, disturbances, and other similar matters in the general and other building areas, of which they are aware. In addition, the deans and directors are asked to encourage all staff members and students to follow the same procedure.

(d) Deans and directors are asked to encourage all staff members and students:

- (i) to show an interest in directing any apparent strangers in the buildings to their destinations, and to contact the Campus Security Force immediately if any stranger does not appear to have a plausible reason for his presence;
- (ii) to ensure that all internal doors to rooms which are normally locked are not left unlocked and unattended during normal building hours, and to ensure that these doors and ground floor windows are secure before departure from the buildings each day; and
- (iii) to report immediately any lost keys to the Campus Security Force.

(e) Deans and directors are asked:

- (i) to establish and maintain proper control procedures for the issuance and return of building keys by staff members, students, or other persons. Such procedures may include key deposits; however, this should be discouraged because keys can be cheaply duplicated off-campus and distributed to unauthorized persons; and
- (ii) to remind all staff members and students



#### APPOINTMENT

DAVID B. YOUNG, *Administrative Officer in the Department of Housing and Food Services since 1972, has been named Director of that department. He had been Acting Director since late spring of this year. Mr. Young holds a BSc from this University and is a member of the Society of Industrial Accountants of Canada. He spent 14 years in the oil industry after obtaining his degree and was Treasurer and Controller of an oil company in Calgary prior to accepting his position in Housing and Food Services. He has been Director of the Petroleum Accountants Society of Western Canada and has held membership in the Canadian Petroleum Tax Society and the Taxation Committee of the Independent Petroleum Association of Canada.*

periodically that they should normally refuse to unlock external and internal building doors during closed hours for any persons who do not have keys or have forgotten their keys. Such persons should be referred to the Campus Security Force who will decide whether to permit access on the basis of proper identification and any telephone consultation with the appropriate dean, director, or department chairman.

In those cases where rooms are locked during normal building hours, staff members and students should normally refer any persons requesting access to these rooms to the appropriate dean, director, or department chairman during office hours. Such persons should be referred to the Campus Security Force after hours who will decide whether to permit access on the same basis as above.

(f) Deans and directors are asked to remind all staff members and students periodically that:

- (i) all liaison on University business with the Edmonton City Police or the RCMP should be conducted by and through the Campus Security Force. In addition this liaison can be used for matters of individual interest occurring on the campus which will save time and confusion;
- (ii) on becoming aware that an offence is being committed or has been committed, the staff member or student should contact the Campus Security Force immediately giving full details of the location and incident whenever possible. Such details as the description of the person or persons, clothing, licence number, vehicle, and other pertinent information are very useful; and
- (iii) they should not attempt to detain or apprehend a suspect, or conduct any search activity. Their role is to observe and to contact the Campus Security Force immediately.

(g) Use of buildings after hours. The use of generally available facilities such as those of

Housing and Food Services, the Students' Union Building, and the Faculty Club should be encouraged for social events. The use of University teaching buildings for such purposes should be discouraged.

In those cases where University teaching buildings may be used for authorized purposes during closed hours, the authorized persons, groups, or organizations shall at their expense make prior arrangements through the Campus Security Force to engage commissioners or other private security personnel. These personnel shall report to and come under the general supervision and support of the Campus Security Force, and the force shall unlock the appropriate doors and relock them after building use.

Normal hours of operation for all University teaching buildings and pedestrian walkways are as follows, unless otherwise approved by the Deans' Council:

- 7 a.m. to 11 p.m. on weekdays
- 7 a.m. to 6 p.m. on Saturdays
- Closed on Sundays and holidays unless special permission is obtained.

Access to these buildings and to the walkways shall be locked during the closed hours.

Further consideration of the long range goal to have the pedestrian walkway system open 24 hours per day, seven days per week throughout the year shall be deferred until such time as the related costs for the required security personnel may be absorbed in the University operating budget.

The Campus Security Force has trained personnel who are prepared to conduct a physical security survey of any area of responsibility, and to submit a report assessing security risks against user requirements and recommending reasonable organizational and physical modifications to reduce them. Deans, directors, and building security committees are encouraged to use this free service as a basis for determining security requirements.

## FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Marcy Davies, *Editor*

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## EDMONTON FIRM ESTABLISHES SCHOLARSHIP AND LOAN FUND

The local forest products company of W.R. Zeidler Ltd. announced last week that it was establishing a special loan fund and scholarship for forestry students at The University of Alberta as a tribute to the late W.R. Zeidler and as part of the company's activities marking the 40th anniversary of the firm.

MRS. K.F. CAMPBELL, daughter of the late W.R. Zeidler, presented a cheque to F.V. MAC HARDY, Dean of Agriculture and Forestry, at the anniversary dinner. The W.R. Zeidler Memorial Scholarship will consist of three \$500 awards made annually to students of outstanding merit who will be entering the third and fourth years of forestry, and the W.R. Zeidler Memorial Loan fund will be administered by the Department of Forestry to allow forestry students to obtain small interest-free loans.



## CONRADE F. GREEN 1915-1974

Conrade F. Green, machinist-technician in the Nuclear Research Centre, Department of Physics, died October 22, 1974 after a lengthy illness.

Born in Millet, Alberta, Mr. Green received his education in the Willard Lake area. He served with the Canadian Armed Forces during the Second World War. He worked with the Defense Research Board at Suffield, Alberta before joining the Nuclear Research Centre in 1959. He remained with the Centre until his death.

## NOTICES

### SELECTION COMMITTEE FOR KILLAM MEMORIAL CHAIR PROFESSOR

The Selection Committee which is to advise the Board of Governors on the appointment of a suitable person to fill the Killam Memorial

Chair, which became vacant when J.A. JACOBS resigned, has now begun its work.

The late Mrs. Dorothy J. Killam established "at least two Chairs at The University of Alberta in post-graduate work in the scientific and/or engineering fields." Mrs. Killam's will further stipulates that "the salary to be paid to the holders of these chairs (which shall always be called the 'Killam Memorial Chairs') shall be such as to attract men of the highest distinction. The selection of each incumbent and the terms of his appointment shall be made by the Board of Governors subject to the approval of my Trustees. Under no circumstances is any part of the said special fund to be used directly or indirectly by The University of Alberta for purchasing equipment or erecting buildings."

The Selection Committee invites members of the University community to nominate suitable candidates. A brief outline of the nominee's qualifications for a Killam Memorial Chair should accompany the nomination. The Selection Committee also asks that there should be some indication that the person nominated would be seriously interested in having his or her name considered.

Nominations should be sent to HENRY KREISEL, Vice-President (Academic), who is Chairman of the Selection Committee, at 3-5 University Hall.

### SCHOOL OF HOUSEHOLD ECONOMICS

The School of Household Economics has established an ad hoc Committee to Study Aims and Objectives for the School. The committee has been directed to study: the most appropriate scale of School; the undergraduate program; departmentalization and/or faculty status; Master's program; inauguration of PhD program; continuing education; faculty research; faculty community relations.

The University community is invited to participate in the deliberations of the committee through presentation of briefs, either written or oral. If you wish to contribute to these deliberations please contact DORIS R. BADIR, Committee Chairperson, at 432-5766 or 815C General Services Building.

### VACANCIES ON GFC SELECTION COMMITTEES

The General Faculties Council Nominating Committee is seeking nominations for one member to serve on each of the following selection committees: Chairman of the Department of Anaesthesia, and Chairman of the Department of Industrial and Vocational Education. Regulations governing the composition of selection committees for department chairmen require that one member, not a member of the department concerned, be elected by General Faculties Council.

Those who have suggestions for nominations or who are interested in serving on the above committees are requested to contact the Secretary of the Nominating Committee, MRS. PAT CAMPBELL, 2-1 University Hall, 432-4965.

### PHYSICAL FITNESS TESTING AND CONSULTING CENTRE

The Faculty of Physical Education has announced the opening of the Physical Fitness Testing and Consulting Centre to students, staff, and the public again this year. The centre is located in E-412 Physical Education and Recreation Centre (fourth floor, east wing). It is open every Tuesday from 5 to 8 p.m. and every Thursday, 3 to 6 p.m.

The primary purpose of the centre is to inform individuals about their present level of physical fitness and offer suggestions for personal improvement. They will undergo a battery of tests designed to determine cardiovascular fitness, general body strength, and degree of obesity. The data thus obtained will be analyzed and suggestions offered to the individual for a personal training program. A nominal fee of \$1 (students 50 cents) will be charged. Medical certificates from registered physicians are required before testing can be authorized.

Anyone interested in knowing his/her level of physical fitness should telephone 432-5601 (ask for DEBBIE or SHIRLEY) to make an appointment.

## THIS WEEK AND NEXT

*Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.*

### 31 OCTOBER, THURSDAY

#### 'Civilisation'

12:30 p.m. *Also 1 November, Friday at 12 noon.* "Reformation." L1 Audiovisual Centre, Humanities Centre.

#### University Parish Worship (United, Anglican, Presbyterian)

5:30 p.m. Supper in SUB cafeteria. 6 p.m. Folk Communion Service in SUB Meditation Room (158A). 7:15 to 8:15 p.m. Bible study on the *Book of Revelation*. Undergraduate and graduate students, faculty, and administrative staff are all equally welcome, for all or part of the program.

#### French Film Series

7:30 p.m. *Orphee* (France, 1949) directed by Jean Cocteau. 013 Collège Universitaire Saint-Jean, 8406 91 Street. Admission free.

#### Edmonton Opera Association

*And 2 and 4 November, Saturday and Monday.*

**8 p.m.** Bizet's *Carmen*. Jubilee Auditorium. Tickets from Woodward's, fourth floor, Edmonton Centre.

**Student Cinema**

8 p.m. A Halloween Horror Movie Festival, presenting *Wolfman* (1941 version), directed by George Wagner, with Lon Chaney Jr., Claude Rains, and Bela Lugosi; *Dracula's Daughter* (1936), considered to be one of the best of the vampire movies; and *Fearless Vampire Killers*, or *Get Your Teeth Out of My Neck—You're Hurting Me*, a horror spoof directed by Roman Polanski starring himself and Sharon Tate. Advance tickets at SUB Information Desk, \$1, to Students' Union members only; \$1.50 at the door.

**1 NOVEMBER, FRIDAY**

**Graduate Students' Association**

Get your weekends off to a flying start every Friday afternoon at the Grad House, 11039 Saskatchewan Drive. From 4 to 6 p.m., the Happy Hour features a wide spectrum of refreshments at rock bottom prices as well as Godfrey's legendary chili. For the dedicated grad student the hours from 9 p.m. to 12 midnight provide an opportunity to discuss or forget the week's activities.

**Faculty Club**

*Downstairs*. TGIF—Greek food. Mousaka, stuffed peppers, tart cole slaw, karethupeta. \$3. *Upstairs*. 7 p.m. Tenth Anniversary Ball. Special anniversary dinner with wine. \$10 per person. Entertainment by the Sound Investment, 9 p.m. to 1 a.m.

**Basketball**

*And 2 November, Saturday*. Games at 7 and 9 p.m. each night. The Tri-University Classic. Teams from the Universities of Calgary, Lethbridge, and Manitoba, and the Golden Bears. Main Gymnasium.

**Crafts Display**

7:30 p.m. Displays, demonstrations, and sales of leatherwork, copper enamelling, ceramics, toys, weaving, quilting, etc., sponsored by the Edmonton Home Economics Association and the Alberta Teachers' Specialists' Council. Bonnie Doon High School Cafeteria. Admission 50 cents, coffee served, everyone welcome.

**2 NOVEMBER, SATURDAY**

**Women's Volleyball**

9 a.m. to 5 p.m. Pandas host the Senior A Women's Invitational. Main gymnasium.

**Faculty Club**

*Downstairs*. The Soup Tureen returns to the Lower Lounge. Full-bodied soups—ciroba de perisoare cu carne Romanian (tart soup with meat balls), bouillabaisse; strawberry cream tart. \$3.

*Upstairs*. Fresh lobster. \$9. Served 6 to 10 p.m. Entertainment by Cameron & Co.

**3 NOVEMBER, SUNDAY**

**Television Program**

**'In Touch With U'**

5 p.m. Program features "Football to a degree," "Blue-green algae," and "Students' Union Building." CITV, channel 13, cable 8.

**4 NOVEMBER, MONDAY**

**Boomer Memorial Lectures**

11 a.m. "The space between the stars," by GERHARD HERZBERG, National Research Council. Sponsored by the Department of Chemistry. Room V107, V-wing (adjacent to Chemistry and Physics Buildings).

**Edmonton Film Society**

8 p.m. *Libido* (Japan, 1967) directed by Kaneto Shindo. International Series. Students' Union Theatre. Memberships available at the door.

**5 NOVEMBER, TUESDAY**

**Boomer Memorial Lectures**

11 a.m. "Spectra and structures of molecular ions," by GERHARD HERZBERG. Room V121 V-wing.

**Philosophy Club**

4 p.m. "Race, research, and responsibility: the IQ controversy" by GERALD DWARKIN, Battelle-Seattle Research Institute. Room L-2 Humanities Centre.

**Women's Programme Centre**

8 p.m. "Women and psychiatry," a videotape presentation made by Edmonton women exploring the definition of insanity as it is applied to women. Room TLB-2, Henry Marshall Tory Lecture Theatre.

**Bruce Cockburn in Concert**

*And 6 November, Wednesday*. 9 p.m.

Sponsored by Students' Union Records and Students' Union at the Students' Union Theatre. Tickets \$3 students, \$3.50 non-students from SUB Information Desk or SU Records in HUB.

**6 NOVEMBER, WEDNESDAY**

**Boomer Memorial Lectures**

11 a.m. "Experimental tests of the quantum theory of molecular hydrogen," by GERHARD HERZBERG. Room V107 V-wing.

**Christmas Art Fair**

5 to 9 p.m. Paintings, prints, batik, ceramics, iron work, weaving, jewellery, sculpture, glass, and hand-made quilts all on sale to support the Edmonton Art Gallery. Sponsored by the Women's Society of the Gallery. Edmonton Art Gallery, Sir Winston Churchill Square. Admission \$1.

**Faculty Club**

Wednesday at Eight presents a talk by ANNE BURROWS on "Learning without sight." Coffee and dessert available.

**Edmonton Film Society**

8 p.m. *Lost Patrol* (1934) starring Victor McLaglen and Boris Karloff. John Ford Retrospective Series. Henry Marshall Tory Lecture Theatre. Memberships available at the door.

**7 NOVEMBER, THURSDAY**

**Boomer Memorial Lectures**

11 a.m. "Radiationless decomposition processes in chemistry and physics" by GERHARD HERZBERG. Room V121 V-wing.

**Campus Law Review Committee**

3:30 p.m. Members will be discussing disciplinary regulations and penalties. Anyone wishing to make a written or personal submission should give notice of such intention to MRS. MAUREEN MARTIN, 2-1 University Hall, by November 5.

**French Film Series**

7:30 p.m. *Le Boucher* (France, 1970) directed by Claude Chabrol. Room 013, Collège Universitaire Saint-Jean, 8406 91 Street. Admission free.

**8 NOVEMBER, FRIDAY**

**Faculty Club**

*Downstairs*. TGIF—Japanese menu. Tori teriyaki (chicken), nan ban zuke (fish), maze gohan (rice and vegetables), namasu mikan (mandarin orange dessert). \$3. Entertainment by The Sound Investment.

**L'Alliance Française**

8 p.m. Conférence de M. GEORGES POISSON, de Paris. "Napoléon et Paris." Projections en couleur. Collège Universitaire Saint-Jean, 8406 91<sup>e</sup> rue.

**Hockey**

8 p.m. *And 9 November, Saturday* at 2:30 p.m. Golden Bears vs. The University of Calgary. Varsity Arena.

**Basketball**

*And 9 November, Saturday*. 8:30 p.m. Golden Bears vs. the College of Great Falls. Main Gymnasium.

**9 NOVEMBER, SATURDAY**

**Fencing**

*And 10 November, Sunday*. 10 a.m. The Wetterberg Open. West Gymnasium.

**Faculty Club**

*Downstairs*. Faculty Club's "Trattoria" in lower lounge. Lasagne, pasticciate, crisp green salad, zippa inglese. \$3.

*Upstairs*. Regular dinner menu served 6 to 10 p.m. Entertainment by Cameron & Co.

(The Club will be closed 11 November, Monday.)

#### Edmonton Symphony Orchestra

8:30 p.m. And 10 November, Saturday at 2:30 p.m. Conductor: PIERRE HETU; guest artist: RUDOLF FIRKUSNY, pianist. Program includes Diversion for Orchestra, Adaskin; Piano Concerto, Dvorak; Symphony no. 3, Schubert. Jubilee Auditorium. Tickets from the Symphony Box Office, 433-2020.

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#### EXHIBITIONS AND PLAYS

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##### Edmonton Art Gallery

Until 3 November. "The A B C of sculpture." Until 4 November. "Ceramics" by WALTER DROHAN, Calgary artist.

##### Latitude 53 Gallery

Until 12 November. The paperbag catholic celestial circus presents Manwoman's farewell show. 10048 101A Avenue. Gallery hours: 12 to 5 p.m. Tuesday through Saturday.

##### Studio Theatre

Until 2 November. Curtain times: evenings 8:30. JAMES REANEY's *Sticks and Stones*, directed by THOMAS PEACOCKE. Studio Theatre, Corbett Hall. Tickets \$2.50 (University students with ID admitted free) from 3-146 Fine Arts Centre, 432-1495.

##### Theatre 3

Until 3 November. Curtain times: Thursday and Friday 8:30 p.m.; Saturday 7 and 10:30 p.m., Sunday 2 and 7:30 p.m. MARY HUMPHREY BALDRIDGE's *The Photographic Moment*, directed by MARK SCHOENBERG. Centennial Library Theatre. Tickets from Theatre 3, 709 9990 Jasper Avenue, 426-6870.

##### Citadel Theatre

Until 23 November. Curtain time: nightly at 8:30, Saturday matinees 2:30 p.m. 6 Rms Riv Vu. 10026 102 Street. For tickets call 424-2828.

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#### GRADUATE SCHOLARSHIPS AND AWARDS

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Notices regarding other awards and scholarships are posted in the Student Awards Office, 219 Central Academic Building. All inquiries should be directed to L. HENDERSON, Administrator of Student Awards, 432-3495.

UNIVERSITY OF COLORADO AND NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION CO-OPERATIVE INSTITUTE FOR RESEARCH IN ENVIRONMENTAL STUDIES—VISITING FELLOWS PROGRAM 1975-76

The Co-operative Institute for Research in Environmental Sciences (CIRES) promotes research and teaching in the physical sciences related to the earth and its environment. CIRES serves as a centre for multidisciplinary collaboration of research



Yevhenia Miroshnichenko, celebrated coloratura soprano, and Dmytro Hnatiuk, baritone, will perform in Edmonton on Friday, November 8 at a recital arranged by the National Concert Agency. Both are Peoples Artists of the USSR and are members of the Shevchenko State Opera and Ballet Theatre of Kiev, Ukraine. They are on a national tour of Canada, as part of the Canada-USSR cultural exchange agreement. The program will include selections from Russian, French, and Italian operas as well as Ukrainian folk songs. The recital will begin at 8 p.m. at the Jubilee Auditorium. Tickets (\$7, \$6.50, \$5.50, \$4.50) are available at the Bay Box Office, 424-0121.

workers from the numerous scientific laboratories in Boulder and elsewhere. Currently, the principal research interests are in the mechanics of the solid earth, earthquakes, the geomagnetic field and paleomagnetism, electrical and electromagnetic phenomena within the earth, its atmosphere and the space around it, and the dynamics of the atmosphere.

The Visiting Fellows Program provides an opportunity for outstanding scientists working in appropriate fields to spend a period of time, normally one year, at CIRES. Applications for the academic year 1975-76, which should include a curriculum vitae, the names of three professional references, a list of publications, and a statement of current research interests, are to be submitted before February 1, 1975. They should be sent to: The Director, Visiting Fellows Program, CIRES, University of Colorado, Boulder, Colorado, USA 80302.

##### POSTDOCTORATE FELLOWSHIPS IN GOVERNMENT LABORATORIES FOR RESEARCH IN SCIENCE AND ENGINEERING

**Value:** \$10,500. Tenable in the following government departments and agencies: Agriculture Canada; Department of Communications—Communications Research Centre; Department of Energy, Mines and Resources; Department of the Environment—Atmospheric Environment Service, Environmental Management Service, Canadian Forestry Service, Inland Waters Directorate, Fisheries and Marine Service, Fisheries Research Board of Canada, Ocean and Aquatic Affairs; Health and Welfare of Canada—Health Protection Branch; National Museums of Canada—Museum of Natural Sciences; Atomic Energy of Canada Limited. **Brochures:** available in the office of the Faculty of Graduate Studies and Research, 2-8 University Hall, 432-3499. **Applications:** must be received in Ottawa by January 15, 1975 to be considered in the 1975-76 competition. **Note:** The National Research Council of Canada is no longer offering postdoctorate fellowships in its own laboratories, but will instead be offering research associateships. See separate announcement for details.

##### NATIONAL RESEARCH COUNCIL OF CANADA RESEARCH ASSOCIATESHIPS 1975

Associateships for research in science and engineering will be offered in the following laboratories: Atlantic Regional Laboratory; Division of Biological Sciences; Division of Building Research; Division of Chemistry; Division of Mechanical Engineering; National Aeronautical Establishment; Division of Physics;

Prairie Regional Laboratory; Radio and Electrical Engineering Division. These associateships, which will begin April 1, 1975, are intended to give promising young scientists and engineers an opportunity to work on challenging research problems in fields of interest to NRC as a stage in the development of their research careers. **Qualifications:** applicants should possess at least a PhD in natural science or a Master's degree in an engineering field or expect to obtain the degree before taking up the award. Demonstrated ability to perform original research of high quality in the chosen field will be the main criterion used in selecting candidates and in considering extensions of their term. While preference is given to Canadians, the associateships are open to nationals of other countries. Successful candidates must meet the requirements of entry into Canada. **Salaries:** research associates will be offered salaries and staff benefits comparable to those currently available to members of the regular staff of the National Research Council. **Length of tenure:** the initial award will be for a period of one year and may be renewed at intervals for a total period of up to 5 years. **Travel allowance:** an allowance will be provided towards the cost of travel between the place of residence at the time the appointment is made and the laboratory at which the associateship is held. A similar allowance may be made for return travel on termination. **Applications:** these must be made on special forms which may be obtained from the Research Associates' Office, National Research Council of Canada, Ottawa, Ontario K1A 0R6. **Closing date:** January 15, 1975.

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#### POSITIONS VACANT

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##### NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (121 Administration Building) will provide details to interested persons, who are not to approach directly the department advertising the vacancy.

Clerk Typist I (\$406-\$501)—Graduate Studies and Research

Clerk Typist II (\$439-\$545)—Purchasing; Business Administration and Commerce

Clerk Steno II (\$458-\$568)—Extension; Pharmacology

Clerk Steno III (\$521-\$647)—Romance Languages; Secretariat; Surgery; Paediatrics; Soil Science

**Student Record Processing Clerk (\$545-\$677)**—Office of the Registrar  
**Electronics Technician I (\$647-\$810)**—Technical Services; Chemistry  
**Programmer III (\$887-\$1,116)**—Administrative Systems  
**Electron Microscope Technician I (\$620-\$775)**—Anatomy  
**Research and Planning Analyst III (\$708-\$887)**—Institutional Research and Planning Analyst (\$1,018-\$1,282)—Computing Services (2 positions); Business Administration and Commerce  
**Technician I (\$620-\$775)**—Mechanical Engineering Technologist (Research) (trust) (\$7,000-\$9,000 yearly)—Dentistry (Oral Biology)  
**Bacteriology Technologist I (\$647-\$810)**—Provincial Laboratory  
**Graphics Technician I (\$620-\$775)**—Chemistry  
**Wire Chamber Technician (trust) (open)**—Physics  
**Stockman II (\$594-\$742)**—Central Stores  
**Programmer II (\$742-\$929)**—Administrative Systems Assistant Swimming Pool Supervisor (\$742-\$929)—Physical Education  
**Buyer I (\$775-\$982)**—Physical Plant  
**Accounts Clerk III (\$708-\$887)**—Office of the Comptroller  
**Bacteriology Technologist I (trust) (\$647-\$775)**—Medical Bacteriology  
**Biology Technologist I (\$708-\$887)**—Genetics  
**Laboratory Assistant II (trust) (\$419-\$534)**—Medicine (2 positions)  
**Typographical Trainee (\$439-\$545)**—Duplicating  
**Student Record Processing Supervisor (\$929-\$1,169)**—Business Administration and Commerce

## PERSONAL NOTICES

*All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 10 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. ADS MUST BE PAID IN ADVANCE. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.*

### Accommodation available

**HILLSIDE PLAZA APARTMENT HOTEL**—Furnished accommodation monthly, weekly, or daily, with full kitchen, dishes, color TV, maid service, 24-hour phones and ample parking. 9730 106 Street, Edmonton; 429-3353.  
**FOR RENT**—Grandview, two-storey, four bedrooms, furnished, all appliances. Six months commencing January 1975. 433-8585 or 434-4857 evenings.  
**FOR SALE**—(1) "Near University" three-bedroom, 1,200 square foot family or revenue home. Self contained suite in basement with private entrance. (2) "Wet Paint" large Golden-built two-bedroom bungalow in Hardisty area totally re-decorated, new broadloom, rumpus room and bedroom in basement. Double garage, priced right. (3) "Luxury you can Afford" immaculate four-bedroom split, nestled on large professionally landscaped grounds. Patio doors off family room. Double front drive heated garage. Many extras. Call Dale 475-9806 or Mike 454-7664, Country and Western Realty Ltd. 425-9915.  
**FOR SALE**—Remodelled home in Belgravia. Beautiful two-bedroom bungalow. Fireplace in living room, finished basement. Only \$47,900. Call Linda Gardiner 436-1140, 436-0919.  
**FOR SALE**—Close to University. Two bedrooms, formal dining room, rumpus room, one bedroom down. Asking \$33,400. Call Linda Gardiner 436-1140, 436-0919.  
**FOR SALE**—Two- or three-bedroom home, close access

to University and Southgate. Only \$35,500. Call Linda Gardiner 436-1140, 436-0919.  
**FOR SALE**—Semi-bungalow close to University. Three bedrooms, den. Asking \$35,000. Call Rollie Haverland 436-1140, 434-0048.  
**FOR SALE**—Well-kept stucco bungalow, easy access University. Large two-bedroom suite in basement. Two stoves, two fridges. \$44,500. Call Ruth Low, 436-4240 or 439-0830.  
**OPEN HOUSE**—11507 72 Avenue, November 2, 2-5 p.m. Price reduction makes this a terrific buy. You will enjoy this immaculate three bedroom home that has been completely renovated inside and out, don't miss seeing this beauty. Telephone Mr. Wattie 436-2310, 466-3204 Weber Bros. Realty Ltd.  
**FOR RENT**—Executive bungalow available for 6 months. Completely furnished, quiet couple, no pets. Telephone 466-3204.  
**FOR SALE**—Aspen Gardens split level, four bedrooms, family room, front drive-double garage, large concrete patio in excellent condition. First mortgage \$16,000 at 6 1/4%. Large second mortgage available. Telephone 434-8194.

### Automobiles and accessories

**FOR SALE**—1974 Datsun 610, fully equipped. Telephone 455-3401.  
**FOR SALE**—Winter tires with studs 600 x 15. Telephone 432-3906 days.

### Goods and services

**NOW BOOKING HAY/SLEIGH RIDES**, bonfires available. Two miles west, one mile south of Ellerslie. Telephone 434-3835.

**FOR SALE**—Quality used books at bargain prices. Thousands of hardcovers and paperbacks arranged in over 75 categories. Browse in our bright, clean atmosphere. Norwood Bookstore, 11302 95 Street, 474-4446. Open 9-6 Monday-Saturday, 9-9 Friday.  
**DING DONG BELL DAY CARE LTD.**—Space available now: No. 2 location, 7205 101 Avenue (469-8171)—4 months-2 1/2 years, \$85/month; No. 1 location, 7246 101 Avenue (466-0249)—2 1/2-6 years, kindergarten, nursery school, creative dancing included, \$75/month (home transportation, \$15 extra). Milk only supplied; bring your own food and diapers. After 6:30 p.m. telephone 466-8914.

**FOR SALE**—Miscellaneous household items: chairs, beds, tables, bureaus, lamps, stoves, couches, etc. 452-9110.  
**TRAVEL AGENCY**—Edmonton's oldest agency has opened a branch in HUB to serve you. We are accredited agents for all airlines, so there is no charge for our services. Domestic or international. Try your own personal agency. Holiday Travel, HUB building, telephone 433-2494.

**FOR SALE**—Hewlett-Packard Model 35 calculator, charger, case, instructions included. \$230. 432-1175, Monday, Wednesday 1-4; Tuesday, Thursday 10-1. 424-6081 after 7 p.m. Tuesday, Wednesday.

**FOR SALE**—Honda 350, 1970, good running condition, \$550 or best offer. Call Elaine 432-5234 or 466-1578 evenings.

**FOR SALE**—Standard teak headboard, 3/4 bed, mist hair dryer, excellent condition. 488-4122 evenings.

**SHANGHAI HOUSE MANDARIN RESTAURANT**—6525 111 Street, Edmonton, Alberta. Telephone 435-7622. Look at our new menu of near 200 items including: Firepots, rice rolls, Peking duck. We also serve northern and southern Chinese dim sum.

**FOR SALE**—Beginner's Linton oboe. Good condition. \$375. 439-1739 evenings.

**UNICEF GREETING CARDS**—Now available. Art Mart, 10154 103 Street, Edmonton.

**HUB BEAUTY SALON**—9012 112 Street, 433-0240.

Virginia has joined our staff; she's taken advanced styling in Toronto and Calgary, and was a winner in 1973 Alberta Open competitions. Mrs. Hayduk holds an award in body wave. Also ear piercing, manicure, facials, eyelashes, men's and women's hairstyling and cutting.

**REGISTER NOW**—for two-, three-, four-, five-, and six-week 1975 charters to Britain and Frankfurt. Commencing end of April. Contact Iris Rosen at 488-8181.

**PLUMBING**—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 465-7079 anytime. CUSTOM DRESSMAKING and designing; telephone Jacqueline, 433-4870.

**FOR SALE**—Italian gilt furniture, Florentine style, six drawer chest, pair round end tables, 2 drawer and 3 drawer console tables. 433-6858 evenings.

**FOR SALE**—Singer console model 600 deluxe zig-zag sewing machine, stool and attachments. 433-6858 evenings.

**FOR RENT**—Mahogany 7 drawer desk or vanity and oval mirror. Pair quality gold and white headboards with Harvard frames; two 39-inch beds. 433-6858 evenings.

**FOR SALE**—Canada majestic mink coat, dark brown, size 16 as new. 433-6858 evenings.

**PRISONERS OF CONSCIENCE**—If you are interested in helping to free prisoners of conscience in all parts of the world, contact Dr. Les Gue, Chairman, Amnesty International, Edmonton Group (Canada 12). Telephone 432-4906 or 433-8642 (evenings).

**FOR SALE**—Hide-a-bed, almost brand-new, Kroehler, gold, 4'6" wide, \$195. Telephone 439-5343 after Sunday.

**HEAD 360 SKIS**—185 cm. (almost new), \$90. Blizzard Exclusive 170 cm., \$40. Marker Rotomat toe and heel bindings, \$20. 435-6981 after 6 p.m.

**FOR SALE**—Gendron pool table with snooker balls and cues. Standard size and in good condition. \$100. Also maple bedstead and mattress, 54" x 76", \$30 and hollywood bed, 39", \$5. Telephone 435-6246.

**FITNESS IMPROVEMENT**—by testing, evaluation, consultation, appraisal of physical fitness. Individualized program design and computerized weekly feedback. For further information call FITEC Consultants, 434-7673. 308 11044 51 Avenue. Pleasantview Medical Building.

## Public Hearings Northland School Division Study

The Northland School Division Study Group named by the Minister of Education to review and appraise the functions, administration, operation and services of the Northland School Division will receive briefs and hear presentations from interested individuals and organizations

**On December 2 and 3, 1974**

**In Room 313 of the Alberta Vocational Center  
10215 - 108 Street, Edmonton  
Between 10:00 a.m. - 12:00 a.m. and  
1:00 p.m. - 4:00 p.m.**

Inquiries and appointments may be made by calling 229-3943 or by writing to the undersigned. Advance notice of intention to appear will be appreciated but is not essential. These hearings are open to the general public.

**W. H. Swift**  
**Chairman**  
**Northland School Division**  
**Study Group**  
**8th Floor, Executive Building**  
**10105 - 109 Street**  
**EDMONTON, Alberta**

**Alberta**  
**EDUCATION**